

DIGITAL PHOTOGRAPH PRESENTATION USING DVD PLAYERS

Abstract of the Disclosure

Method and apparatus for digital photograph presentation. A method for digital photograph presentation in accordance with one embodiment includes reading a still-picture file for a selected photograph from a DVD disc (402), transcoding (500) data from the still-picture file into a sequence of frames, and decoding and presenting the sequence. An apparatus for digital photograph presentation in accordance with one embodiment is a DVD player device (400 or 410) that includes a transcoder (404 or 412) for converting in real-time (see 500) still-picture files to sequences of frames, a navigator (406) for selecting the still-picture files and for controlling the transcoder (404 or 412) to direct presentation of the sequences. A method for digital photograph presentation in accordance with another embodiment includes encoding (300) onto a DVD disc (202) MPEG2 sequences that include the digital photographs as I-picture frames, inserting the DVD disc into a DVD player (200), and navigating amongst the MPEG2 sequences and displaying selected photographs using the DVD player (200). An apparatus for digital photograph presentation in accordance with another embodiment is a DVD player (400 or 410) that includes a navigator (204) for selecting the digital photographs encoded as MPEG2 sequences on a DVD disc (202), an MPEG2 decoder (104) for receiving and decoding the MPEG2 sequences, and a frame buffer (106) for buffering the decoded MPEG2 sequences to be output as at least one video signal from the DVD player.